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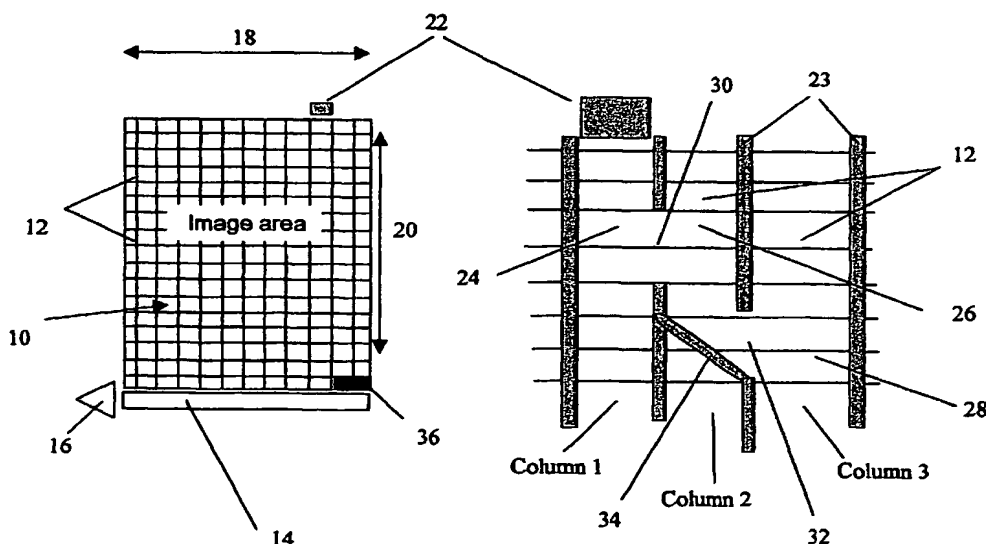
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(54) Title: **SOLID STATE IMAGER**



(57) Abstract: A charge division arrangement for a CCD device for producing a divided charge output from an input charge, comprising an input for receiving an input charge, an array of elements and an output. The array of elements being arranged in rows and columns and having clock connections to allow charge in each row to be successively clocked from one row of elements to the next. At least some of the elements being arranged in a charge division unit having a first element and a second element in adjacent columns and being communicable at least temporarily so that charged introduced into the first element is divided between the first element and the second element, the charge division unit being arranged to produce divided charge for production at the output. The arrangement allows a small amount of charge to be introduced into a CCD circuit.